

Cabin Safety - 2022 Fire and Cabin Safety Research Conference

Bio – Jitendra Kumar

Dr. Jitendra Kumar, Ph.D. in Chemistry, is the Principal Battery Scientist, Solid State Battery & Integrated Systems Laboratory at The University of Dayton Research Institute (UDRI). He has been leading solid-state battery research at UDRI for over eight years, including battery material characterization, performance optimization, and safety evaluation. Dr. Kumar has published 40 research articles, one book chapter, and seven patents on energy storage and generation.

Dr. Kumar is a Research Professor at Electrical and Computer Engineering, University of Dayton (UD), and teaches undergraduate and graduate courses “Fundamentals of Solid-State Batteries” and “Fundamentals of Hybrid Electrochemical Power.” He is supervising three Ph.D. students researching various aspects of battery systems.